

FEB 22 2007

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| Attention: | MAIL STOP AMENDMENT Group Art Unit: 2611 Examiner: PATEL, Jayanti K. | Fax: | (571) 273-8300 |
| UNITED STATES PATENT AND TRADEMARK OFFICE | | Phone: | (571) 272-2988 |
| Pages: | Cover + 2 + 1 + 4 | Date: | February 22, 2007 |
| From: | Georgann S. Grunebach Assistant General Counsel | Fax: | (310) 964-0941 |
| | | Phone: | (310) 964-4615 |

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CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

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Georgann S. Grunebach, Reg. No. 33,179
Telephone No. (310) 964-4615 (Printed Name of Person Signing Certificate)

February 22, 2007
(Date of Signature)

Attention: Commissioner for Patents**Attorney Docket No. PD-201033**

Please find attached Re:

Serial No.: 10/532,524

Filing Date: 04-25-2005

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)

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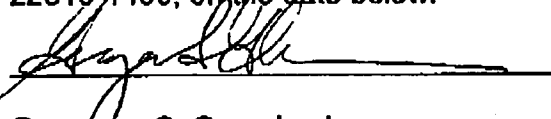
The DirectTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

FEB 22 2007

Patent
PD-201033
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/532,524
371(C) Filing Date: April 25, 2005For: AMPLITUDE AND PHASE
MATCHING FOR LAYERED
MODULATION RECEPTIONGroup Art Unit: 2611
Examiner: PATEL, Jayanti K.: I hereby certify that this correspondence is
: being facsimile transmitted to (571) 273-8300
: (Centralized Facsimile Number) and
: addressed to:: Mail Stop Amendment, Commissioner for
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: 22313-1450, on the date below.: 
: Georgann S. Grunebach
: Typed or printed name of person signing certificate

: Date: February 22, 2007

INFORMATION DISCLOSURE STATEMENTMail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

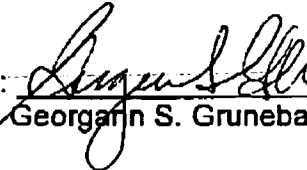
However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Serial No. 10/532,524.....Page 2

Respectfully submitted,

By:



Georgann S. Grunebach, Reg. No. 33,179

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February 22, 2007

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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | |
| | | Application Number | 10/532,524 |
| | | Filing Date | April 25, 2005 |
| | | First Named Inventor | Ernest Chen |
| | | Art Unit | 2611 |
| | | Examiner Name | PATEL, Jayanti K. |
| Date: February 22, 2007 | | | |
| Sheet 1 of 1 | | Attorney Docket Number | PD-201033 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----------|-------------------------------------|--------------------------------|--|--|
| Examiner Initials* | Cite No. | Document Number Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| | 4 | US-6,049,566 | 04-2000 | Saunders et al. | |
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| | 9 | US-2002/0051435 | 05-2002 | Giallorenzi et al. | |
| /E.B./ | 10 | US-2006/9913333 | 01-2006 | Chen, Ernest C. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|----------|--|--------------------------------|--|--|---|
| Examiner Initials* | Cite No. | Foreign Patent Document Country Code-Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
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|--------------------|-------------------|-----------------|------------|
| Examiner Signature | /Emmanuel Bayard/ | Date Considered | 06/04/2008 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.